

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) In a composition which comprises a radiopharmaceutical in a container which has a silica coating on the inner surface, the improvement being that the radiopharmaceutical comprises a coordination complex of formula ML_n ,

wherein:

M is the radiometal of the radiopharmaceutical,

L is ~~an non-radioactive~~ organic ligand, which is carbon-containing ~~compound~~
chelating agent which comprises ~~at least one~~ 2, 3, 4, 5, 6 or 8 heteroatoms
suitable for coordination to M, wherein each heteroatom is independently
chosen from N, O, S, P or Se;

n is number of ligands (L) attached to M and is an integer of value 1 to 8.

2. (Previously presented) The composition of claim 1 wherein the radiopharmaceutical is a liquid or solution.

3. (Previously presented) The composition of claim 1 wherein M is ^{111}In or $^{99\text{m}}\text{Tc}$.

4. (Previously presented) The composition of claim 1 wherein the silica coating is deposited by a PCVD process.

5. (Previously presented) The composition of claim 1 wherein the container is a glass vial with a closure.

6. (Previously presented) A kit for the preparation of a sterile radiopharmaceutical metal complex which comprises a non-radioactive organic ligand composition in a container which has a silica coating on the inner surface, wherein said ligand (L) is as defined in claim 1.

7. (Previously presented) The kit of claim 6 wherein the metal complex is a ^{99m}Tc complex.
8. (Previously presented) The kit of claim 6 wherein the non-radioactive organic ligand composition is lyophilized.
9. (Previously presented) The kit of claim 6 wherein the silica coating is deposited by a PCVD process.
10. (Previously presented) A composition for the preparation of a stabilized radiopharmaceutical metal complex of formula ML_n wherein said composition comprises:
 - (i) a stabilizer capable of stabilizing said radiopharmaceutical metal complex;
and
 - (ii) an organic ligand (L) which forms a coordination complex with the radiometal (M),
in a container which has a silica coating on the inner surface;
wherein M, L and n are as defined in claim 1.
11. (Previously presented) The composition of claim 10, which further comprises a bacteriostat suitable for use with a radiopharmaceutical metal complex.
12. (Previously presented) The composition of claim 11, wherein the bacteriostat comprises a paraben.
13. (Previously presented) The composition of claim 10 wherein M is ^{111}In or ^{99m}Tc .
14. (Previously presented) The composition of claim 10 wherein the silica coating is deposited by a PCVD process.